

Project Name: MUR
Project Code: MUR **Site ID:** C112 **Observation ID:** 1
Agency Name: CSIRO Division of Soils (NSW)

Site Information

Desc. By:	H.M. Churchwood	Locality:	180m from east bndry, 400m from north bndry; hundred of Whymoul:
Date Desc.:	27/10/53	Elevation:	76 metres
Map Ref.:	Sheet No. : 7826 1:100000	Rainfall:	0
Northing/Long.:	144.5	Runoff:	Slow
Easting/Lat.:	-35.5	Drainage:	Poorly drained

Geology

Exposure Type:	No Data	Conf. Sub. is Parent. Mat.:	No Data
Geol. Ref.:	No Data	Substrate Material:	No Data

Land Form

Rel/Slope Class:	No Data	Pattern Type:	Sand plain
Morph. Type:	No Data	Relief:	No Data
Elem. Type:	Swale	Slope Category:	No Data
Slope:	0 %	Aspect:	No Data

Surface Soil Condition (dry):

Erosion:

Soil Classification

Australian Soil Classification:	N/A	Mapping Unit:	N/A
ASC Confidence:	Confidence level not specified	Principal Profile Form:	N/A
		Great Soil Group:	Solodized solonetz

Site Disturbance:

Vegetation:

Tall Strata - Tree, 6.01-12m, Very sparse. *Species includes - None Recorded

Surface Coarse Fragments:

Profile Morphology

A	0 - 0.01 m	Grey (5Y6/1-Moist); ; Sandy clay loam (Light); Weak grade of structure, 2-5 mm, Platy; Dry; Very firm consistence; 2-10%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
B11	0.02 - 0.05 m	Grey (5Y5/1-Moist); ; Sandy medium clay; Weak grade of structure, 200-500 mm, Columnar; Weak grade of structure, 10-20 mm, Angular blocky; Moderately moist; Firm consistence;
B12	0.05 - 0.12 m	Very dark grey (2.5Y3/1-Moist); ; Sandy medium clay; Weak grade of structure, 200-500 mm, Columnar; Strong grade of structure, 10-20 mm, Angular blocky; Moderately moist; Firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
B13	0.12 - 0.22 m	Very dark grey (2.5Y3/1-Moist); , 2.5Y42; Sandy medium clay; Moderately moist; Firm consistence; 0-2%, fine gravelly, 2-6mm, angular, Quartz, coarse fragments;
B14	0.22 - 0.4 m	Black (2.5Y2/2-Moist); ; Sandy medium clay; Moderately moist; Weak consistence;
B15	0.6 - 0.71 m	Light brownish grey (2.5Y6/2-Moist); ; Sandy medium clay; Moderately moist; Weak consistence; Very few (0 - 2 %), Ferruginous, , Concretions;
B21	0.76 - 0.93 m	Dark greyish brown (2.5Y4/2-Moist); , 2.5YR68; Sandy medium clay; Moderately moist; Firm consistence; Very few (0 - 2 %), Ferruginous, Fine (0 - 2 mm), Concretions; Few (2 - 10 %), Calcareous, Medium (2 -6 mm), Concretions;
B22	1.21 - 1.37 m	Olive grey (5Y5/2-Moist); , 7.5YR58; Medium clay (Heavy); Moderately moist; Firm consistence; Common (10 - 20 %), Calcareous, , Concretions;
D11	1.67 - 1.85 m	Pale olive (5Y6/3-Moist); , 10YR68; Medium clay; Moderately moist; Firm consistence; Very few (0 - 2 %), Calcareous, , Concretions;
D12	1.98 - 2.18 m	Light olive grey (5Y6/2-Moist); , 10YR68; Medium clay; Moist; Firm consistence;
D13	2.66 - 2.94 m	Light olive grey (5Y6/2-Moist); , 7.5YR78; Medium clay; Moderately moist; Firm consistence;

Morphological Notes

Observation Notes

Site Notes

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WAKOOL SHIRE

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Laboratory Test Results:

Depth	pH	1:5 EC	Exchangeable Cations			Exchangeable	CEC	ECEC	ESP
m		dS/m	Ca	Mg	K	Na Cmol (+)/kg	Acidity		%

Depth	CaCO3	Organic	Avail.	Total	Total	Total	Bulk	Particle		Size	Analysis	
m	%	C	P	P	N	K	Density	GV	CS	FS	Silt	Clay
		%	mg/kg	%	%	%	Mg/m3			%		

Depth	COLE	Gravimetric/Volumetric Water Contents						K sat	K unsat
		Sat.	0.05 Bar	0.1 Bar	0.5 Bar	1 Bar	5 Bar		
m					g/g - m3/m3			mm/h	mm/h

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Laboratory Analyses Completed for this profile